

Claims

1. An antenna apparatus, characterized by comprising:
 - a first antenna equipped with a first antenna5 conductor formed in a loop for receiving an electric wave having a first frequency band; and
 - a second antenna equipped with a second antenna conductor for receiving an electric wave having a second frequency band, and characterized in that said second10 antenna conductor is provided to be along said loop corresponding to a portion as the first antenna conductor.
2. The antenna apparatus according to Claim 1, characterized in that said first antenna conductor is formed to be said loop with a conductive antenna member 15 in a shape of substantially a column having a space portion, and said second antenna conductor is housed in the space portion.
- 20 3. The antenna apparatus according to Claim 2, characterized in that said first antenna conductor is provided with a notched portion on said antenna member in a cylindrical shape along said loop.
- 25 4. The antenna apparatus according to Claim 1, characterized in that said first antenna is a magnetic loop antenna.